JC04 Rec'd PCT/PTO 05 AUG 2005

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O.. Box 1450, Alexandria, VA 22313-1450.

Date: August 4, 2005

Michelle Rhodes

Docket Number

90606.50/ta

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re application of:

Yasuyuki MURAMATSU et al.

Serial No.: 10/539,000

I.A. Filing Date: June 24, 2004

For: DIRECT METHANOL FUEL CELL SYSTEM

Art Unit: Unknown

Examiner: Unknown

COMMENTARY RE INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicants herewith submit the attached Form PTO-1449.

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicants cite reference nos. 1-15 because they are U.S. equivalents of JP 2002-117863.

Applicants cite reference no. 16 because it is the U.S. equivalent of JP 2003-515894.

ſ

U.S. Application No. 10/539,000 August 4, 2005 Page 2 of 2

Applicants cite reference no. 24 because it is the WIPO equivalent of JP 10-507572.

Applicants cite reference no. 26 because it is the WIPO equivalent of JP 11-510311.

Applicants do not submit herewith copies of the U.S. references as this is no longer required.

Applicants respectfully request that the cited references be made of record in the subject application.

Date: August 4, 2005

Respectfully submitted,

Attorneys for Applicants

Joseph R. Keating

Registration No. 37,368

Christopher A. Bennett Registration No. 46,710

Peter M. Medley Registration No. 56.125

KEATING & BENNETT, LLP

10400 Eaton Place, Suite 312

Fairfax, Virginia 22030

Telephone: (703) 385-5200 Facsimile: (703) 385-5080

OIPE

Substitute for form 1449/PTO

AUG 0 5 2005

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known Application Number 10/539,000 I.A. Filing Date June 24, 2004 First Named Inventor Yasuyuki MURAMATSU Art Unit Examiner Name Attorney Docket Number 90606.50/ta

| | | | U.S. PATEN | IT DOCUMENTS | |
|-----------------------|--------------|--|------------------------------|--|---|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ^{2(if known)} | Publication Date MM -YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | 1 | 5,599,638 | 02-1997 | Surampudi et al. | |
| | 2 | 5,773,162 | 06-1998 | Surampudi et al. | |
| | 3 | 6,146,781 | 11-2000 | Surampudi et al. | |
| | 4 | 6,248,460 | 06-2001 | Surampudi et al. | |
| | 5 | 6,254,748 | 07-2001 | Surampudi et al. | |
| | 6 | 6,265,093 | 07-2001 | Surampudi et al. | |
| | 7 | 6,303,244 | 10-2001 | Surampudi et al. | |
| | 8 | 6,420,059 | 07-2002 | Surampudi et al. | |
| | 9 | 6,589,684 | 07-2003 | Surampudi et al. | |
| | 10 | 6,703,150 | 03-2004 | Surampudi et al. | |
| | 11 | 6,740,434 | 05-2004 | Surampudi et al. | |
| | 12 | 6,821,659 | 11-2004 | Surampudi et al. | |
| N (1) | 13 | 2004/0224214 | 11-2004 | Vamos et al. | |
| | 14 | 2005/0003254 | 01-2005 | Surampudi et al. | |
| | 15 | 2005/0042487 | 02-2005 | Surampudi et al. | |
| | 16 | 2003/0170524 | 09-2003 | Kordesch et al. | |
| | | | | | |
| | 1 | 1 | | | |

| : | | FOI | REIGN PATENT | T DOCUMENTS | | |
|-----------------------|--------------|---|---------------------------------|------------------------------|---|----|
| Examiner Initials* | Cite No.1 | Foreign Patent Document Country Code ³ Number-Kind Code ⁵ (if known) | Publication Date MM -YYYY | Country of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Te |
| | 18 | JP 2002-117863 (with English Abstract and machine translation) | 04-2002 | JAPAN | | Х |
| <u> </u> | 19 | JP 2002-110199 (with English Abstract and machine translation) | 04-2002 | JAPAN | | X |
| · | 20 | JP 2000-021426 (with English Abstract and machine translation) | 01-2000 | JAPAN | | Х |
| | 21 | JP 63-236271 (with English Abstract and English translation) | 10-1988 | JAPAN | | Х |
| | 22 | JP 2003-515894 (with English Abstract and machine translation) | 05-2003 | JAPAN | | X |
| - | 23 | JP 10-507572 (with English Abstract and machine translation) | 07-1998 | JAPAN | | X |
| | 24 | WO 96/12317 | 04-1996 | WIPO | | |
| | 25 | JP 11-510311 (with English Abstract and machine translation) | 09-1999 | JAPAN | | X |
| - | 26 | -WO-97/21256 | 06-1997 | WIPO- | | |
| | 27 | JP 63-5506 (with English translation) | 01-1998 | JAPAN | | |

| Examiner | Da | ate |
|-----------|----|-----------|
| Signature | Co | onsidered |
| | | |

OIPE

| Substitute for form | n 1449/PTO |
|---------------------|------------|
|---------------------|------------|

AUG 0 5 2005

INFORMATION DISCLOSUSE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| · | | | |
|-------|---|----|---|
| Sheet | 2 | of | 2 |

| C | omplete if Known | |
|------------------------|--------------------|---|
| Application Number | 10/539,000 | |
| Filing Date | June 24, 2004 | |
| First Named Inventor | Yasuyuki MURAMATSU | |
| Art Unit | | - |
| Examiner Name | | |
| Attorney Docket Number | 90606.50/ta | |

| | | NON PATENT LITERATURE DOCUMENTS | | |
|--|--------------------------|--|--|--|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title Of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | |
| | 28 | HOLGER JANSSEN et al., "DMFC SYSTEMS: 2.5 KW CLASS IN COMPACT DESIGN", Institute for Materials and Processes in Energy Systems Forschungszentrum Juelich GmbH, 52425 Juelich, Germany. | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| • | | | | |
| <u>. </u> | | | | |
| | | | | |
| | | | | |

Examiner Date
Signature Considered

^{*}Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.